

The City of Frisco West Nile Virus Epidemiologic Response Plan

The City of Frisco's Response to West Nile Virus is intended to:

1. Help prevent human infection through activities that assist residents in reducing the risk of infection. These activities may include educational brochures, media spots on Channel 6 and press releases.
2. Monitor the risk to humans through the surveillance of mosquito, equine and human infections.
3. Assist environmental health authorities from the county and state in gauging the effectiveness of mosquito control activities such as larviciding and adulticiding
4. Assist in alerting the medical community if confirmations or laboratory diagnoses of patients occur and providing timely information on where humans may be most at risk.

These objectives will be accomplished through:

1. Educational activities.
2. Surveillance activities.
3. Health alerts.
4. Appropriate responsiveness.

Note: The trigger criteria for each Risk Level must be met before the associated response is taken.

Risk Level Green
Normal Response

Trigger: Normal mosquito activity with little or no evidence of WN viral activity.

Response:

Health and Food Safety, in partnership with Collin County Healthcare Services (CCHCS) and Denton County Health Department, will coordinate the following activities with the Public Information Officer:

1. Publicize methods for mosquito reduction and personal protection.
2. Promote source reduction on private property.
3. Direct calls to the West Nile Information Line which will include:
 - a. Information on West Nile Virus activity.
Messages on the West Nile Information line will be monitored by CCHCS twice daily on weekdays, April 1-October 31, 2004.
 - b. DCHD West Nile Information line will also be monitored.

The Health and Food Safety Division of the Planning and Development Department will:

1. Oversee surveillance measures conducted by City staff
2. Conduct routine mosquito surveillance in areas in the City of Frisco jurisdiction.

The Public Works Department will:

1. Apply larvicides to mosquito breeding sites located on City-owned property in the jurisdiction of the City of Frisco.
2. Identify potential mosquito breeding locations on public property that may warrant attention.

Risk Level Yellow Enhanced Response

Trigger: Confirmation of WNV positive mosquitoes or horses **or** single human case screening positive through a commercial laboratory pending results of Texas Department of Health confirmation.

Response:

Health and Food Safety division of the Planning & Development Department will:

1. Intensify mosquito surveillance.
2. Oversee efforts in removing or treating pool where positive mosquitoes were found.
3. Coordinate a press release with the Public Information Officer indicating location of positive mosquito pool, continued emphasis on protective behaviors.
4. Inspect private property as indicated and pursue avenues for legal penalties pertaining to nuisance abatement.

The Public Works Department will:

1. Intensify source reduction within the jurisdiction of Frisco.
2. Undertake removal or treatment efforts of the positive mosquito pools if located on public property.
3. Continue to apply larvicides to mosquito breeding sites located on City-owned property in the jurisdiction of the City of Frisco.

**Risk Level Red
Public Health Warning**

Trigger: Multiple WNV positive mosquito pools plus one (1) human case **or** multiple human cases, meeting all criterion set forth by CCHCS relating to travel history, with results screening positive through commercial laboratories pending confirmation by TDH **or** TDH confirmation multiple human cases.

Response:

Health and Food Safety division of the Planning & Development Department will:

1. Continue intense surveillance of mosquito vector species.
2. Intensify inspections of private property that may harbor mosquitoes and pursue legal nuisance abatement laws.
3. Implement adulticide program. See attached protocol.

The Public Works Department will:

1. Continue intense larviciding of breeding sites.
2. Intensify source reduction within the jurisdiction of Frisco.
3. Undertake removal or treatment efforts of the positive mosquito pools if located on public property.
4. Undertake adulticide operations following the attached protocols.

Adult Mosquito Abatement Protocol

Efforts will be carried out according to rules and regulations written, adopted and/or implemented by governmental agencies and/or departments, including but not limited to:

The Center for Disease Control

The U.S. Environmental Protection Agency

The Texas Department of Health